

Title (en)

Petrol saving structure of a motor vehicle

Title (de)

Gerät zur Verringerung des Kraftstoffverbrauchs eines Kraftfahrzeugs

Title (fr)

Dispositif pour réduire la consommation de carburant d'un véhicule

Publication

EP 1881184 A1 20080123 (EN)

Application

EP 06014924 A 20060718

Priority

EP 06014924 A 20060718

Abstract (en)

An oxygen-detecting voltage controlling device includes an air filter, an electromagnetic valve, and a controlling circuit board, which is electrically connected to an engine computer for obtaining a current rotating speed value of an engine and sending a stable voltage to the engine computer to stop the engine computer from making correction by increasing amount of petrol injected through an injection nozzle; two adjustment knobs are fitted on the oxygen detecting and voltage controlling device and connected to the controlling circuit board for setting first and second rotating speed values respectively; the controlling circuit board will be activated and start sending a stable voltage to the engine computer immediately after rotating speed of the engine reaches the first rotating speed value; the controlling circuit board will be turned off and stop sending a stable voltage immediately after rotating speed of the engine reaches the second rotating speed value.

IPC 8 full level

F02D 41/14 (2006.01); **F02D 35/00** (2006.01)

CPC (source: EP)

F02D 35/003 (2013.01); **F02D 41/023** (2013.01); **F02D 41/1489** (2013.01); **F02D 2400/11** (2013.01)

Citation (search report)

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- [X] DE 3340518 A1 19840510 - FUJI HEAVY IND LTD [JP]
- [X] GB 2089073 A 19820616 - FUJI HEAVY IND LTD
- [X] GB 2092335 A 19820811 - FUJI HEAVY IND LTD
- [X] US 4691675 A 19870908 - IWAKI MASATO [JP]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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